



**REQUEST  
FOR  
CONTINUED EXAMINATION (RCE)  
TRANSMITTAL**

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000,  
provides for continued examination of an utility or plant application  
filed on or after June 8, 1995.  
See The American Inventors Protection Act of 1999 (AIPA).

Application Number	08/811,742
Filing Date	May 21, 2001
First Named Inventor	ZHANG et al.
Group Art Unit	2823
Examiner Name	Scott Hawranek
Attorney Docket Number	740756-1641

#44/RCA  
6/12/01  
Varna

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

**NOTE:** 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53(d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

1. **Submission required under 37 C.F.R. § 1.114**

a. ☒ Previously submitted

i. ☒ Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on March 20, 2001  
(Any unentered amendment(s) referred to above will be entered).

ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on \_\_\_\_\_

iii. ☐ Other \_\_\_\_\_

b. ☒ Enclosed

i. ☒ Amendment/Reply

ii. ☐ Affidavit(s)/Declaration(s)

iii. ☐ Information Disclosure Statement (IDS)

iv. ☐ Other \_\_\_\_\_

2. **Miscellaneous**

a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of \_\_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(l) required)

b. ☐ Other \_\_\_\_\_

3. **Fees** The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.

a. ☐ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. \_\_\_\_\_

i. ☐ RCE fee required under 37 C.F.R. § 1.17(e)

ii. ☐ Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)

iii. ☐ Other \_\_\_\_\_

b. ☒ Check in the amount of \$710.00 enclosed

c. ☐ Payment by credit card (Form PTO-2038 enclosed)

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

Name (Print/Type)	James E. Howard	Registration No. (Attorney/Agent)	39,715
Signature		Date	May 21, 2001

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, Box RCE, Washington, DC 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on:

Name (Print/Type)			
Signature		Date	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND Fees and Completed Forms to the following address: Commissioner for Patents, Box RCE, Washington, DC 20231.**

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Docket Number (Optional)

740756-1641

## PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

In re Application of ZHANG et al.

Application Number 08/811,742

Filed March 6, 1997

For SEMICONDUCTOR DEVICE AND FABRICATION METHOD OF THE SAME

Group Art Unit .2823

Examiner Scott Hawranek

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

- ☐ One month (37 CFR 1.17(a)(1)) - (\$55/\$110) \$ \_\_\_\_\_
- ☒ Two month (37 CFR 1.17(a)(2)) - (\$195/\$390) \$390.00
- ☐ Three month (37 CFR 1.17(a)(3)) - (\$445/\$890) \$ \_\_\_\_\_
- ☐ Four month (37 CFR 1.17(a)(4)) - (\$695/\$1390) \$ \_\_\_\_\_
- ☐ Five month (37 CFR 1.17(a)(5)) - (\$945/\$1890) \$ \_\_\_\_\_
- ☐ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is \$ \_\_\_\_\_
- ☒ A check in the amount of the fee is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Commissioner has already been authorized to charge fees in this application to a Deposit Account.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 19-2380.  
I have enclosed a duplicate copy of this sheet.

I am the ☐ applicant/inventor

- ☐ assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☐ attorney or agent of record.
- ☒ attorney or agent under 37 CFR 1.34(a).  
Registration number if acting under 37 CFR 1.34(a) 39,715

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

May 21, 2001  
Date

James E. Howard  
Signature

James E. Howard

Typed or printed name

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NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

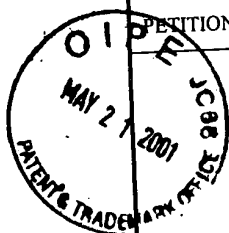
☒ Total of 2 forms are submitted.

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PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re PATENT application of )

Hongyong ZHANG et al. )

Serial No.: 08/811,742 )

Filed: March 6, 1997 )

For: SEMICONDUCTOR DEVICE AND )

FABRICATION METHOD OF THE )

SAME )

Group Art Unit: 2823

Examiner: S. Hawranek

#42/2  
6/12/01  
V. Varnall

AMENDMENT

Commissioner for Patents and Trademarks  
Washington, D.C. 20231

BOX:

Dear Sir:

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Please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 29 and 39 and add new claims 76-81 as follows:

29. (Amended) A method of manufacturing a semiconductor device used for an active matrix type electro-optical display, comprising the steps of:

forming a semiconductor film to be crystallized over a substrate, said semiconductor film having a first region and a second region;

disposing a metal catalyst in contact with a selected region of only the first region of the semiconductor film, said catalyst being capable of promoting crystallization of said semiconductor film;

heating said semiconductor film so that crystallization of said semiconductor film occurs only in the first region thereof while the semiconductor film in said second region is not crystallized, wherein said crystallization proceeds in a direction parallel to a major surface of said substrate from said selected region with diffusion of said metal catalyst through the semiconductor film, thereby forming crystals of said semiconductor film in said first region extending parallel with the major surface of the substrate; and

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